

## Student Questionnaire

Choose the most appropriate answer from the choices given below for Paul Crutzen's "Geology of Mankind":

1. The writer opens the article with "For the past three centuries..." to indicate
  - a. how long human beings have been on the Earth
  - b. how long human beings have affected the Earth
  - c. how long human activities have made a huge impact on the environment
  - d. how long the period of this study is
  
2. The second half of the 18<sup>th</sup> century is significant in the article because...
  - a. the Anthropocene could be said to have started then
  - b. the writer was born then
  - c. human beings discovered carbon dioxide and methane then
  - d. polar ice began melting then
  
3. What can we infer from the mention of James Watt's steam engine?
  - a. He was a very important inventor
  - b. His steam engine was used to study polar ice
  - c. The steam engine changed the way human beings worked
  - d. His steam engine is significant for the writer's definition of the Anthropocene
  
4. What is the meaning of the term "noö"?
  - a. world
  - b. thought
  - c. environment
  - d. growing role
  
5. Why does the author mention human population as the first point in Paragraph 3?
  - a. Because it is the closest in meaning to the "Anthropozoic era"
  - b. Because water and land are renewable sources for food production
  - c. Because human population is expected to reach 10 billion in the 21<sup>st</sup> century
  - d. Because it has led to greater exploitation of all other environmental parameters
  
6. What is the implication of the sentence, "So far, these effects have largely been caused by only 25% of the world population"?
  - a. 75% of the human population has had no impact on the increased stress on the environment
  - b. 75% of the human population has had some impact on the increased stress on the environment
  - c. 75% of the human population uses only renewable sources of energy
  - d. 25% of the human population uses all the fossil-fuel available in the world
  
7. Contextually, why does the author use the phrase "more by luck than by wisdom"?
  - a. The spread of the ozone hole was prevented because human beings were aware of the harm they were causing
  - b. The spread of the ozone hole was prevented because human beings studied the properties of bromine
  - c. The spread of the ozone hole was prevented simply because one chemical coincidentally was not like another
  - d. The spread of the ozone hole was prevented because Antarctica is far from other continents

8. What is the significance of the last sentence of the article?

- a. We are waiting for a meteor to hit the Earth
- b. We need to optimize climate
- c. We have a definite plan of what we need to do
- d. We are not sure what to we need to do or what the future will be like

9. Who is the expected audience for this article?

- a. Common people
- b. Scientists
- c. Engineers
- d. James Watt

10. Which of these is the writer of this article most likely to agree with?

- a. Humans will continue to negatively influence nature in the future
- b. Preventing climate change is the responsibility of scientists and engineers
- c. Large scale ego-engineering will reduce global warming
- d. The ozone hole will grow larger within the next decade